

NOTEWORTHY GRASSES FROM MEXICO VI.¹

Alan A. Beetle, Range Management Section, University of
Wyoming, University Station, P. O. Box 3354,
Laramie, Wyoming 82071

In Mexico one of the smallest grasses, the dwarf form of falseoatgrass, has a common characteristic with one of the tallest, the common giantreed. Each may have variegated leaves. Other Mexican grasses that share this odd leaf pattern include various ornamental bamboos, basketgrass, and corn.

The genetic presence for leaves with patterns of white, pink, yellow, silver, cream, or gold occurs sporadically throughout the grass family from the bamboos to corn. These variations, which are often found under cultivation, have been treated variously as species, varieties, and forms. They all appear, however, to have approximately the same taxonomic rank. It would seem that one name of formal rank can comfortably encompass all the color variants of each species. Recognizing this, an attempt here is made to update and to standardize the nomenclature.

Arundinaria simoni (Carr.) A. & C. Riv. f. variegata (Hook. f.) Rehder, Bibl. Cult. trees and shrubs 638. 1949.

A. simoni var. variegata Hook. f. Bot. Mag. Curtis III. 46. pl. 7146. 1890.

A. simoni var. striata Mitford, Garden 46:531. 1894.

A. simoni var. argenteostriata Makino. Bot. Mag. Tokyo 14:62. 1900, nom. nud.; 14:100. 1900.

A. simoni var. albostriata Bean, Gard. Chron. III. 15:301. 1894.

Arrhenatherum elatius (L.) Presl f. versicolor (Schur.) Comb. nov.

A. elatius var. versicolor Schur., Enum. Pl. Transsilv. 755. 1866.

Arrhenatherum elatius var. bulbosum (Willd.) Spenner f. striatum (Hubb.) L. B. Smith, Rhodora 49:269. 1947.

A. elatius var. nodosum (Reichenb.) Hubb. f. striatum Hubb. Rhodora 18:235. 1916.

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Arundo donax L. f. versicolor (Mill.) comb. nov.

A. versicolor Mill. Gard. Dict. ed. 8. 3. 1768.

A. donax var. versicolor Stokes, Bot. Mat. Med.

I:160. 1812.

A. donax var. versicolor (Mill.) Kunth, Rev. Gram.

I:78. 1829.

Bambusa multiplex (Lour.) Raeusch f. viridi-striata (Makino) comb. nov.

B. nana f. viridi-striata Makino, Jour. Jap. Bot.

I:28. 1917.

This is the silverstripe hedge bamboo which has

been called Bambusa argentea striata Carr., B.

nana argentea striata acc. to McClure, B. nana

var. variegata Camus, B. nana albo-variegata

Makino, B. multiplex f. variegata (Camus) Hatusima,

B. argentea var. vittata Beadle, B. nana var.

normalis forma vittata-argentea Makino, B. nana

var. typica f. viridi-striata Makino.

Bambusa vulgaris Schrad. Hort. vittatae A. & C. Riv.

B. vulgaris var. vittata A. & C. Riv. Bel. Soc.

Acclim. III. 5:640. 1878.

B. vulgaris var. striata (Lodd.) Gamble, Ann. Bot.

Gard. Cale. 7:44. 1896.

B. vulgaris var. aureo-variegata Beadle in Bailey,

Stand. Cycl. Hort. 1:448. 1914.

Dactylis glomerata L. f. variegata (Hitchc.) comb. nov.

Dactylis glomerata, folia variegata.

D. glomerata var. variegata Hitchc. Man Grass.

U. S. 184. 1935.

Deschampsia caespitosa (L.) Beauv. f. variegata (Opiz.)

comb. nov..

D. caespitosa var. variegata Opiz., Sezn.

Rostl. Ceske 37. 1852.

Deschampsia flexuosa (L.) Trin. f. viridistriata f. nov.

D. flexuosa similis sed folia viridistriata,

aureo-variegata. According to Hitchcock "a form

with yellow-striped foliage called by gardeners

Aira foliis variegatis."

Holcus lanatus L. f. albovirens (Reichb.) stat. nov.

H. lanatus var. albovirens Reichb. ex Junge,

Jahrb. Hanb. Wiss. Anst. 22. Beih. 3:63. 1905,

nomen.

Holcus lanatus similis sed folia variegata.

- Miscanthus kokusanensis Nakai & Honda, Jour. Fac. Sci. Univ. Tokyo Sect. III, Bot. 3:388. 1930. f. variegatus Nakai and Honda, in Honda, Monogr. Poac. Japan 388. 1930.
M. kokusanensis var. variegatus (Nakai & Honda) Nakai & Honda, in Nakai, Bu. Nat. Sci. Mus. 31:140. 1952.
- Miscanthus sinensis Anderss. f. variegatus (Beal) comb. nov.
M. sinensis var. variegatus Beal, Grasses N. Amer. 2:25. 1896.
- Miscanthus sinensis f. zebrina (Beal) comb. nov.
M. sinensis var. zebrina Beal, Grasses N. Amer. 2:25. 1896.
- Molinia caerulea (L.) Moench. f. variegata (Hubb.) comb. nov.
M. caerulea var. variegata Hubb. Grasses. Penguin Books 325. 1954. No latin description, says only "with the leaves striped green and cream, is cultivated in gardens."
M. caerulea similis sed folia variegata.
- Opismenus compositus (L.) Beauv. f. vittatus (Bailey) stat. nov.
O. compositus similis sed folia vittata.
O. compositus var. vittatus Bailey, Man. Cult. Plants 109. 1925. No latin description, says "has leaves striped with white and pink."
- Phalaris arundinacea L. f. picta (L.) Ruiz, Anal. Jard. Bot. Madrid 8:489. 1947.
P. arundinacea var. picta L. Sp., Pl. 55. 1753.
P. arundinacea var. variegata Parnell, Grasses Brit. 188. pl. 82. 1845.
P. arundinacea f. variegata (Parnell) Druce
- Phyllostachys aurea A. & C. Riv. f. albo-variegata Makino Jour. Jap. Bot. 3:12. 1912.
- Phyllostachys bambusoides Sieb. & Zucc. var. alternato-lutescens Makino, nomen -- ?
- Phyllostachys nigra (Lodd.) Munro f. albo-variegata (Makino) comb. nov. cf. Makino, Bot. Mag. Tokyo 26:26. 1912, invalid because based on P. puberula (Miquel) Munro f. albo-variegata Makino, Bot. Mag. Tokyo 14:64. 1900, nomen nudum.
Phyllostachys nigra similis sed folia albo-variegata.

Phyllostachys pubescens (Mazel) Nakai f. aureo-variegata
Uchida, Bul. Sci. Res. Morioka Coll. Agr. Forest
12:84. 1936.

Phyllostachys reticulata (Rupr.) K. Koch f. albo-variegata
Makino, Bot. Mag. Tokyo 26:24. 1912.

Spartina pectinata f. variegata Marie Victorin, Nat. Canad.
71:209. 1944.

Spartina cynosuroides (L.) Roth var. aureo-
marginata Irving, Gard. Chron. III. 38:372. 1905.

Trisetum flavescens (L.) Beauv. f. variegata (Gaudin) comb.
nov.

Avena flavescens var. variegata Gaudin, Fl. Helv.
1:337. 1828.

Trisetum flavescens var. variegatum (Gaudin)
Schur. Enum. Pl. Transsilv. 758. 1866.

Zea mays L. f. variegata (Nichols) comb. nov.

Zea mays var. variegata Nichols, Dict. Gard.
4:238. 1887.

Zea japonica Van Houtte, Fl. des Serres 16:121.
t. 1673-74. 1865-67.

Zea japonica var. vittata "Hort", in Bailey, Man.
Cult. Pl. 104. 1924.